



21371-US SEQUENCE LISTING 7-14-2004.txt
SEQUENCE LISTING

<110> Christine Markert-Hahn
Dirk Block

<120> Improved Method for Bisulfite Treatment

<130> 21371-US

<140> US 10/621,720
<141> 2003-08-25

<150> 02019097.1
<151> 2002-08-29

<160> 1

<170> PatentIn ver. 2.1

<210> 1
<211> 4261
<212> DNA
<213> Homo sapiens

<220>
<221> misc_signal
<222> (1156)..(1162)
<223> transcription regulatory motif; putative

<220>
<221> GC_signal
<222> (1169)..(1174)

<220>
<221> GC_signal
<222> (1179)..(1184)

<220>
<221> TATA_signal
<222> (1194)..(1198)

<220>
<221> exon
<222> (1225)..(1254)

<220>
<221> polyA_signal
<222> (4041)..(4046)

<300>
<308> Genbank:M24485
<309> 2000-03-04

<300>
<301> Morrow et al.
<302> Structure of the human genomic glutathione S-transferase-rr-gene
<303> Gene
<304> 75
<305> 1
<306> 3-11
<307> 1989-10-04

<300>
<310> us5552277

21371-US SEQUENCE LISTING 7-14-2004.txt

<311> 1994-07-19
<312> 1996-09-03

<400> 1
aacaagagat caatatctag aataaatgga gatctgcaaa tcaacagaaa gtaggcagca 60
aagccaaaga aaatagccta aggcacagcc actaaaagga acgtgatcat gtccttgca 120
gggacatggg tggagctgga agccgttagc ctcagcaaac tcacacagga acagaaaacc 180
agcgagaccc catggctctca cttataagtg ggagctgaac aatgagaaca catggtcaca 240
tggcggcgat caacacacac tggtgccctgt tgagcggggt gctggggagg gagagtacca 300
ggaagaatag ctaagggata ctgggcttaa tacctgggtg atgggatgat ctgtacagca 360
aaccatcatg gcgcacacac ctatgtaaca aacctgcaca tcctgcacat gtaccccaga 420
acttcaaata aaagttggac ggccaggcgt ggtggctcac gcctgtaatc ccagcacttt 480
ggaaagccga ggcgtgcaga tcacctaagg tcaggagttc gagaccagcc cggccaaacat 540
ggtgaaaccc cgtctctact aaaaatacaa aaatcagcca gatgtggcac gcacctataa 600
ttccacctac tcgggaggct gaagcagaat tgcttgaacc cgagaggcgg aggttgcagt 660
gagccgccga gatcgccca ctgcactcca gcctggcca cagcgtgaga ctacgtcata 720
aaataaaaata aaataacaca aaataaaaata aaataaaaata aaataaaaata aaataataaa 780
ataaaaataaa ataaaataaa ataaaataaa ataaaagcaat ttccttcct ctaagcggcc 840
tccacccctc tccccgtccc tgtgaagcgg gtgtgcaagc tccggatcg cagcggctt 900
agggaaatttc ccccccgcgt gtcccgccgc gccagttcgc tgcgacact tcgctgcgt 960
cctttccctg ctgtctgttt actccctagg ccccgctggg gacctggaa agagggaaag 1020
gcttccccgg ccagctgcgc ggcgactccg gggactccag ggcgcccctc tgcggccgac 1080
gccccgggtg cagcggccgc cggggctggg gccggcggga gtccgcggga ccctccagaa 1140
gagcggccgg cgccgtgact cagcactggg gcggagcggg gcgggaccac cttataagg 1200
ctcggaggcc gcgaggccctt cgct gga gtt tcg ccg ccg cag tct tcg cca 1251
cca gtgagtaclc gcggcccgct ccccgggat gggctcaga gctcccagca 1304
tggggcaac ccgcagcatc aggcccggc tccggcagg gtcctcgcc cacctcgaga 1364
cccgccggacgg gggccctaggg gacccaggac gtcccccagtg ccgttagcgg ctttcagggg 1424
gccccggagcg cctcggggag ggatgggacc ccggggccgg ggaggggggg caggctgcgc 1484
tcaccgcgcc ttggcatcct ccccccggct ccagcaaact tttcttgcgt cgctgcagt 1544
ccgccttaca ccgtggctta tttccctagg cgaggttagga gcatgtgtct ggcaggaaag 1604
ggaggcaggg gctggggctg cagcccacag cccctcgccc acccgagag atccgaaccc 1664
ccttatccct ccgtcggtgt gctttaccc cgggcctcct tcctgttccc cgcctctccc 1724
gccatgcctg ctccccgccc cagtgttgtg taaaatcttc ggaggaacct gtttacctgt 1784
tccctccctg cactcctgac ccctccccgg gttgctgcga ggcggagtcg gcccggccc 1844

21371-US SEQUENCE LISTING 7-14-2004.txt

cacatctcgtaacttccctccccgcaggc cgctgcgcgg ccctgcgcata gctgctggca 1904
gatcagggcc agagctggaa ggaggaggtg gtgaccgtgg agacgtggca ggagggctca 1964
ctcaaagcct cctgcgttaag tgaccatgcc cggcaaggg gaggggggtgc tgggccttag 2024
ggggctgtga ctaggatcg gggacgccc agctcagtgc ccctccctga gccatgcctc 2084
ccccaacagc tatacggca gctcccaag ttccaggacg gagacccac cctgtaccag 2144
tccaatacca tcctgcgtca cctggccgc accctggtg agtcttgaac ctccaagtcc 2204
agggcaggca tggcaagcc tctgccccg gagccctttt gtttaatca gctgccccgc 2264
agccctctgg agtggaggaa actgagaccc actgaggtt ctagttgc ccaaggtcaa 2324
gcctgggtgc ctgcaatcct tgccctgtgc caggctgcct cccaggtgtc aggtgagctc 2384
tgagcacctg ctgtgtggca gtctctcatc cttccacgca catcctcttc ccctcctccc 2444
aggctggggc tcacagacag cccctggtt ggcccatccc cagtactgt gtgttgcata 2504
ggcgcccagt cacgcggcct gctccctcc acccaacccc agggctctat gggaggacc 2564
agcaggaggc agccctggtg gacatggta atgacggcgt ggaggaccc cgctgcaaat 2624
acatctccct catctacacc aactatgtga gcatctgcac cagggttggg cactggggc 2684
tgaacaaaga aagggcttc ttgtgcctc accccccta cccctcaggt ggcttggct 2744
gacccttct tgggtcaggg tgcaggggct gggtcagctc tggccaggg gcccagggc 2804
ctggacaag acacaacctg cacccttatt gcctggaca tcaaccagcc aagtaacggg 2864
tcatggggc gagtgcaagg acagagacct ccagcaactg gtggttctg atctcctgg 2924
gtggcagggg cttccctggag tagccagagg tggaggagga tttgtcgcca gtttctggat 2984
ggaggtgctg gcacttttag ctgaggaaaa tatgcagaca cagagcacat ttggggacct 3044
gggaccagtt cagcagaggc agcgtgtgt cgctgcgtg tgcgtgtgt tgcgtgtgt 3104
tgtgtacgct tgcatttgc tcgggtgggt aaggagatag agatggcgg gcagtaggcc 3164
caggtcccgaa aggcttgaa cccactggtt tggagtctcc taagggcaat gggggccatt 3224
gagaagtctg aacagggctg tgtctgaatg tgaggcttag aaggatccctc cagagaagcc 3284
agctctaaag ctttgcaat catctggta gagaacccag caaggatgga caggcagaat 3344
ggaatagaga tgagttggca gctgaagtgg acaggattt gtaactgcctt gttgtgggg 3404
agcaagcaga ggagaatctg ggactctggt gtctggcctg gggcagacgg ggggtgtctca 3464
ggggctggga gggatgagag taggatgata catgggtggt tctggcagga ggcgggcaag 3524
gatgactatg tgaaggcact gcccggccaa ctgaagcctt ttgagaccct gctgtcccaag 3584
aaccagggag gcaagacctt cattgtggta gaccaggtga gcatctggcc ccatgcttt 3644
cttccctcgc caccctctgc ttccagatgg acacaggtgt gagccattt gttagcaaaag 3704
cagagcagac ctagggatg ggcttaggcc ctctgcccc aattcctcca gctgctccc 3764

21371-US SEQUENCE LISTING 7-14-2004.txt
gctggctgag tccctagccc ccctgcccc 3824
gacttgctgc tgatccatga ggtcctagcc cctggctgcc tggatgcgtt cccctgctc 3884
tcagcatatg tggggcgcc 3944
gagttacgtga acctccccat caatggcaac gggaaacagt gagggttggg gggactctga 4004
gcgggaggca gagttgcct tcctttctcc aggaccaata aaatttctaa gagagctact 4064
atgagactg tgtttcctgg gacggggctt aggggttctc agcctcgagg tcgggtggag 4124
ggcagagcag aggactagaa aacagctcct ccagcacagt cagtggcttc ctggagccct 4184
cagcctggct gtgtttactg aacctcacaa actagaagag gaagaaaaaa aaagagagag 4244
agaaacaaag agaaata 4261